

From owner-qrp-1@Lehigh.EDU Mon Apr 14 18:03:53 1997  
From: Niels Jensen Kristjansson <nkristja@cadvision.com>  
Subject: [17297] 38S BCI Fix and more.  
Message-ID: <1.5.4.16.19970413095315.1b3f2252@cadvision.com>

Hi gang,

Here is a list of the mods that I have done sofar and now I have the rig working the way I want it too. Took the rig to work last friday and put it on the bench, sensitivity was surprisingly good and I was able to hear signals at -130dB (less than 0.1uV). Tuning was not very linear, I knew this, I am using a ten turn 10k0hm linear pot as I have no dial indication this doesn't bother me. I set the RF out to 3.0 Watts as this seems to be a happy medium between power output and battery current drain.

Mods done sofar:

- 1) My thump mod using a FET to mute the audio during keydown.
- 2) T1 secondary reduced windings to 17t, the two peaks on the tune up afterwards indicate this was needed.
- 2) C4 changed to 10pF from 0.01uF to match NE602 pin 1 input Z.
- 3) L2 reduced windings by 1t ie. 20t to 19t, may not be needed.
- 4) Lowpass filter changed to a fco of 10.39MHz as per W1FB QRP Notebook p.170, C505 and C29 become 220pF, C28 is 470pF and L2 and L4 wound 13 turns with #26 wire (approx. 0.9uH).
- 5) Audio Amp with about 20dB gain, used the Motorola MC34119.
- 6) Variable Power mod, set to thundering 3.0 Watts.

The #4 was the result of my longlasting battle to get rid of the BCI the rig was practically useless at my QTH although it wasn't bothered at a friends place just few miles south of me. This did the trick and I now hardly hear any Broadcast Heterodyne, this was the last of the gremlins/badgers. I have not installed a keyer yet but think I will have to go with the TICK

(they have a new memory version out) as I have installed the rig in a box and there is no room to spare for the Curtiss keyer. I have not done the RIT or put in the RF gain, don't know if I will, RF gain perhaps but my offset seems perfect. If any one has had a problem with the Broadcast Heterodyning try changing the lowpass filter to tighten up the front end a little, I did try installing the rig in a tin can but did not make any difference at all.

I just finished building a portable folded halfwave dipole for 30m this is the one in the ARRL Handbook and is made with light 300 Ohm TV ribbon cable. I have not tried it yet and was wondering if anyone on the list has built one and can give me comments on it, should have asked this before I built it shouldn't I, the Handbook gives dimensions for all the bands.

Thanks to all you guys on the list, I have read all the stuff on the 38S

and one always learns new things (provided I pay attention).  
Now what was this about an SST??? No, no nothing dear just talking to myself.

72 de Niels  
VE6NJK/TF3NJ

: Argonaut 509, Epiphyte, 49-er on steroids, 38S made of silk.  
: Oh yes, and distinctive swing ;-)

From owner-qrp-l@Lehigh.EDU Mon Apr 14 18:03:53 1997  
From: kt3a@juno.com  
Subject: [17323] 38S:More info please  
Message-ID: <19970420.171826.5079.3.kt3a@juno.com>

QRP list,

I am going over the hundreds of postings  
of 38 special improvements/mods. I seem  
to be missing some really good ones.  
They are the Bob Barry ground and bypass  
mods and the thump schematic for Niel K's  
circuit. I wonder if they will appear in  
QRPP. I would be most thankful if someone  
could send me the postings or describe what  
was done, direct please.

The reason I did not start my  
38 special is that everytime I thought I  
had all the improvements, somebody would  
do one better. Now that the dust settled  
somewhat, I'm in the planning stage.  
Of course, now I'm into antenna building  
for portable use due to the more pleasant  
weather.

72,  
Cameron C.R. Bailey <><  
Amateur Radio, KT3A  
kt3a@juno.com  
Mount Wolf, Pennsylvania

From owner-qrp-l@Lehigh.EDU Mon Apr 14 18:03:53 1997  
From: goose@imt.net (mal goosey)

Subject: [17344] 50/40/30 MT  
Message-ID: <199704141656.KAA25114@cu.imt.net>

Hello all, I will represent Montana for the 50 on 30/40 this Thursday (the 17th local date) 00:00-02:00 on 30 meters, 10.115 to 10.120, and 02:00 to 04:00 on 40 meters somewhere between 7.042 and 7.050. I will be running a blistering 2 watts to a modified SLV with tuned, elevated, 6' radials on 30 and the same power on 40 to an inverted vee with the apex at 40' (pattern E-W). I will QSL 100% thru the USA QSL Buro. Keep me busy!

72/73 Mal Goosey N7GS Bozeman, MT

From owner-qrp-l@Lehigh.EDU Mon Apr 14 18:03:53 1997  
From: Rogerio Gonzaga <gonzaga@med.up.pt>  
Subject: [17306] About the qrp-l list and its real power...  
Message-ID: <199704141746.TAA18343@mail.med.up.pt>

Hi, folks,

regarding the Index controversy, lately in this reflector some guys have doubted the real power of this list. We may be less than 10% of the active QRPers, but we are enough active to expose our points to a huge number of other QRP fanatics, as we are members of the chief QRP clubs (most of them with largely readen newsletters) and some of ours, as myself, frequently write our articles in local radio reviews. So I do not think that it is a good sales policy to rise our wrath!

Best 72/73 de Roger, CT1ETT

Rogerio A. F. Gonzaga, MD, PhD  
Surgical Professor at the Faculdade de Medicina do Porto - Portugal  
Ex-Honorary Surgical Registrar at the Hammersmith Hospital - London, UK

Radio Amateur CT1ETT QTH Loc IN51re  
G-QRP Club # 8673 ISWL # CT-20574 QRP-L #516

From owner-qrp-l@Lehigh.EDU Mon Apr 14 18:03:53 1997  
From: "Jim (AL7FS) and Nancy (KL7NY) Larsen" <larsennc@alaska.net>

Subject: [17301] AL7FS comments on: K0FRP report  
Message-ID: <3351C5D1.6523@alaska.net>

AlK0FRP@aol.com wrote:

>  
> Gang  
> 20 m was in bad shape  
> 40 was slow, 80m was tough but had 16 q's in 10 SPC's.  
  
> 403 q's, 1520 QSO points, 97 SPC, 1,032,080 pts for the Yahoos !

I am going to have to take this guy out back of the shed and explain what bad conditions are really all about. 403 QSOs IS BAD CONDITIONS?????? Is he nuts??? :-)

Ok....I am back under control.....maybe that's bad for him [AL7FS comes down from hyperventilation]

> Only a couple I could not pull out (Sorry).  
WAS minus ME, NB, AK (JIM AL7FS???), HI, and a  
> JA in OHIO,

K0FRP had a 439 signal on 20 mtrs but no QSO. Must have been the bad conditions. Or the QRM?

Good job, Al, I just get a bit jealous sometimes....but just in fun.  
:-)

73,  
AL7FS  
ex-WA0LPK/KL7  
Anchorage, Alaska

From owner-qrp-1@Lehigh.EDU Mon Apr 14 18:03:53 1997  
From: jlarsen@alascaom.att.com  
Subject: [17351] Alaska QSO Party - I guess Alaska was on the air.  
Message-ID: <9704148610.AA861011815@alascosmtp.alascaom.att.com>

Short note:

KL7G, club station of SCRC, worked 1100 contacts, all 50 states, and about 60 DX countries during the AK QSO Party over the weekend of March 24/25.

The group in Kenai Alaska worked about 900 contacts, all 50 states and several DX countries.

Not bad.

SCRC home page

<http://www.servcom.com/worcester/scrc.htm>

73,

Jim

AL7FS

From owner-qrp-l@Lehigh.EDU Mon Apr 14 18:03:53 1997

From: George Dobbs <g3rjv@gqrp.demon.co.uk>

Subject: [17359] Altoids : New Findings?

Message-ID: <6pZ0rEAg0oUzEwRZ@gqrp.demon.co.uk>

For those conducting serious research on Altoids:

Although made in the UK, they are not sold in the UK!

At least not as Altoids.

Callard and Bowser (based in the beautiful cathedral city of York) do issue some tins of the same mints in the UK which simply bear the legend -Curiously Strong Mints-

These are designed for the Motorway (1) Service Station (2) trade.

I have in my possession an alternative tin of Altoids. It was sent to me after I mentioned Altoid tins in my RadCom QRP Column. I have not seen its like before.

A splendid piece of tinsmanship. The tin is roughly the same size as the usual US Altoids tin but painted silver all over and rather more curved at the edges. It has the word Altoids in relief (red in a free-hand script) across the tin and Smith Kendon as the manufacturers. (Smith Kendon PO Box 54, York, YO1 1FR.) Probably this is part of the same company? The ingredients are listed in seven European languages. The edge of the tin names German and Swiss importers.

A whole new area of research for the Altoid scholars?

If serious students of the Altoid would find it useful, I could bring this tin to Dayton to further their studies.

.... or perhaps they are common in the US?

-----

(1) Motorways : the UK equivalent of Interstate roads - except they are always completely full of cars and none of them drive at less than

70mph.

(2) Service Station : Food and Gas retail outlets on motorways - serve very expensive meals of a quality which could raise Dairy Queen to the level of excellence.

-----  
George Dobbs G3RJV  
The G QRP Club  
g3rjv@gqrp.demon.co.uk

It is vain to do with more  
what can be done with less  
William of Occum (1290-1350)

St. Aidan's Vicarage, 498 Manchester Road, Rochdale, Lancs. OL11 3HE. U.K.

From owner-qrp-1@Lehigh.EDU Mon Apr 14 18:03:53 1997  
From: James Griffith <GriffithJ@ricks.edu>  
Subject: [17339] Altoids...again -Reply  
Message-ID: <s3520be8.001@mercury.ricks.edu>

I just finally found the Altoids mints and bought them of course for the tin. I tried the mint! And, if the QRP rig is as potent as the mint, it would not be QRP any more. Tried dropping one in my Herbal Tea, ant that was very good. Still not convinced I need a rig that small though.  
Jim WA7NDD

From owner-qrp-1@Lehigh.EDU Mon Apr 14 18:03:53 1997  
From: N4JS <n4js@amsat.org>  
Subject: [17300] ARCI QSO Party  
Message-ID: <v03020901af7773fb3478@[206.106.174.44]>

Well, I was only able to sneak in 3.5 hours, between "honey-do's." (Thought I better do them now, and not after the boat is in the water). Worked strictly 20M, and cranked the power on the Sierra down to 950mw. Band was good, while I was on Saturday, crummy on Sunday. Wish I had put some of the stuff I did Saturday off, so I could have spent more time on the air. Totals were 77 QSO points, 11 S/P/Cs and a score of 8470. I guess I'm low man, so far. I did get ND anyway. I have to work through QRPTTF, but am going to be on as a Bumblebee, and hope to make QRP Afield, in the Fall, from the boat. So much stuff to do, so little time! Thank goodness for Midnight shifts. I build most of my kits in the wee hours. Working on GM17 tonight.

72/73

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      John L. Sielke n4js@amsat.org  n4js@pobox.com
      n4js@n4js.ampr.org  NJ Grid:FM29LN
      http://www.pobox.com/~n4js      NJ-QRP #57
      QRP-L #884  QRP-ARCI #9328 NE-QRP #507
      G-QRP #9544  Norcal #?????  QCWA Life Member
      WIMPS: Qs=010 30m=10 17m=0 12m=0 States=02/00/00 Countries 08/00/00

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From owner-qrp-l@Lehigh.EDU Mon Apr 14 18:03:53 1997  
 From: Russ Carpenter <russ@natworld.com>  
 Subject: [17291] ARCI Report From the Oregon Boonies  
 Message-ID: <199704140326.XAA80538@nss2.CC.Lehigh.EDU>

Out here in the Oregon wilderness, ARCI seemed pretty successful. 80, 40  
 and 20 were all in good shape and 15 even opened for a few moments.

The main problem this person has with long contests is sitting still for  
 a sufficient length of time. This time I swore I would finally get  
 semi-serious, and managed to get in 18 hours before hitting the end of my  
 rope. I ended up with a little over 800K. It was very fulfilling to  
 encounter so many citizens of the QRP-L.

I live on a river in the Cascades--a beautiful place, but a miserable  
 radio location. The river sits in a gorge with 2,000 foot canyon walls.  
 I'm astonished every time a ray or two actually make it into the outside  
 world. This time, quite few of them did.

Thanks to Cam Hartford and his ARCI colleagues who do the hard work to  
 make such an ambitious event possible.

Russ Carpenter, AA7QU  
 McKenzie River, Oregon

From owner-qrp-l@Lehigh.EDU Mon Apr 14 18:03:53 1997  
 From: Joel Malman <malman@BBN.COM>  
 Subject: [17347] ARCI Results: WA1QVM  
 Message-ID: <199704141753.NAA55048@nss2.CC.Lehigh.EDU>

QRP ARCI CONTEST: QRP ARCI Spring QSO Party

Mode: CW  
 Call: WA1QVM

State: MA  
QRP#: 9305  
Entry: MULTIBAND  
Hours: 5.5

BAND	POINTS	S/P/C
160	0	0
80	27	04
40	97	11
20	52	10
15	0	0
10	0	0
6	0	0
Totals	176	25

Total Points	X	Total S/P/C	X	Power Mult	+	Bonus Points	=	Final Score
176	X	25	X	7	+	0	=	30800

Notes:

I was out-of-town for all the contest except for 6.5 hours ... Can not wait till QRP-TTF. 15 was dead quiet and did not have time to check out 160. I too managed to snag N0UR/0, thanks Jim. Other 'long ones' for me were KV7X (WA), AA7QU (OR).

/joel wa1qvm (joel@bbn.com or malman@bbn.com ... Concord, Ma.)  
WIMPS: Qs=031 30m=030 17m=01 12m=00 States=09/00/00 DX=016/01/00

From owner-qrp-l@Lehigh.EDU Mon Apr 14 18:03:53 1997  
From: flydnq7x@primenet.com (Floyd Smithberg)  
Subject: [17341] ARCI ScQRPion Score  
Message-ID: <199704141648.JAA18241@usr04.primenet.com>

No Big Gun, Club or Multi....just a lil ScQRPion out for fun, and it sure was! Surprised to hear all the activity.  
Very little digi or QRO around 7040 or 14060....just a lot of good QRP guys doin' there thing. Hope the QRO  
guys took note. Most reports were not preprogrammed and I got several 339, 449 and many 559 plus a couple  
bogus 599 but still didn't have many requests for repeats. Good ears out there.....Worked 23 non-members  
5W and under including Doc at 350mW....all with good sigs. Even worked John



K5JS/M from NM but didn't recognize him til I talked to him on the phone after he got to Phoenix sunday night.....Worked XE, HP, 4 VE provinces but no HI or AK....nor did I hear them.....Agree with Chuck on the fast trigger after a CQ....gotta give us slower guys a chance to check dupe sheet/logger and get in gear. Otherwise it was a much more fun type game than the SS and DX contests.....I could actually read all the cw without a cw reader assist. Heard no one going over about 25wpm.....or so it seemed. Mostly S & P but tried CQs later in test and picked up a few that never call CQs.

Results:

QSOs.....  
 .....110  
 S/P/C.....  
 .....States.....36

Provinces.....4

Country.....2.....42

QSO Pts.....84 x 5 = 415 (members)  
 26 x 2 =

54 (non-members)..... 469

QSO Pts	X	S/P/C	X	Pwr	Multi	=	Score
469		X	42		X	7	= 137,886

Op time.....17 Hrs

Rig.....TS850s, CMOSIII, HB Vari-SCAF, Envirotronics paddle

Ant.....3 El Triband down at 30 ft., 33ft HB vertical

Logger.....LOG-EQF

72/73 Floyd NQ7X Phoenix ScQRPion DM33UQ

ARRL ARCI NORCAL G-QRP AARP DXCC ETC

From owner-qrp-1@Lehigh.EDU Mon Apr 14 18:03:53 1997

From: "Watson R Gabriel Jr" <wgabriel@dpcmail.dukepower.com>

Subject: [17316] ARCI Spring QSO Party

Message-ID: <9703148610.AA861036757@inccmrtr.dukepower.com>

Hi guys and gals! I participated (part-time) in my first HF contest ever this past weekend, and a QRP one at that. All of my prior contest activity has been VHF oriented. Saw some notes posted about "things being slow". In contrast to normal VHF contests, they were fast for me! I'd hate to see an HF contest where y'all called it fast!!

Only worked 40m and everytime I got on, 7040+/- was a madhouse except

for later Saturday nite (around 11pm-12MN EDT). Course this was good cause the band action was quieter and I worked my best DX then - Washington (tnx KV7X, if I remember correctly; don't have my log here at work) or California (N6MM I think it was). Did work SD and CO but did not hear much more from the other states in that N-S line. Might mostly be from the patten/skip from my low dipole. Most likely I had a double-hop to get the west coast.

Never did call CQ -- only worked folks who were calling CQ. I did not even know at the time if I could submit an entry since I am not an ARCI member yet. So I thought I would primarily contribute to others' scores.

Will echo K5FO's comments on allowing a bit more time between CQ's. By the time I would get someone tuned in and reach for the key, here it came again. Impression was that folks felt they would lose a freq if they did not keep it occupied, I guess. I managed though - not bad.

It's amazing to me how LOUD a 5w (or less) signal can be! My rig has no AGC and there were some folks at various times who rung the old ears, especially if I had the old "head signal processor" cranked to dig someone out of the noise/QRM! I cussed a few folks at times like everyone else - "must have been running a KW" - but I knew better! I wondered a bit about a few folks not participating who wanted to call CQ and ragchew on or close to 7040. With plenty of band, I wonder what their intent really was.

Figure I did fairly well considering my approx 7 hours OP time, CW proficiency (not a hi-speed buff), and equipment used. Managed 46 contacts with 23 states. All continental call areas worked - did not hear KL or KH. Sure hope some of these folks will QSL as I need the confirmations! Have not even looked to see what points this may convert to.

Rundown on equipment:

XCVR - EMTECH NW-40 set at 5w; variable BP tuning; TiCK; Homebrew mini paddles.

ANT - Dipole up about 18ft on roof; ends about 2ft lower than feed. Oriented for about East-West max signal; fed with about 75ft of RG-58

Got a question from all this. Has anyone ever tried putting an 8-pole xtal filter in an NW-40? I'd like to try it. Don't have the computer program to design these filters, but I'd love to build one up and try it if anyone has come up with a design. Would it be any different than "repeating" the 4-pole design? I think I remember that it does without

consulting the articles on this subject.

Was fun! Will do it again - like maybe QRPTTF in 2 weeks!

From owner-qrp-1@Lehigh.EDU Mon Apr 14 18:03:53 1997  
From: Bob Hightower <ki7mn@dancris.com>  
Subject: [17319] ARCI Spring QSO Party  
Message-ID: <199704141413.HAA20744@dancris.com>

Might as well throw out my piddlin' score, since I now know I'm not the low one :^).

Only had about 45 qso's, 11 S/P/C's each band (20 and 40), and a total of 20k+ points. For someone who, just a short year or so ago, hated cw, that's quite a change in attitude, thanks to this list.

I did get both ND and SD, as well as some other states that were missing from my log. I don't have the log here, but I caught a W9? with an ARCI number of 20. Is this right? Seems mighty low to me. It is a vanity call and is in the UALR server, so it is a valid call. I'll try to get the full call tonight and on the list to try to confirm the low number. Lowest I've heard of.

Lots of fun, though, and I'm really looking forward to QTTF, which will have to be worked from home due to my xyl's plans that have precedence.

Thanks for all of the contacts and the fun.

73,

Bob KI7MN (ki7mn@dancris.com) Chandler, AZ Grid DM43bi Lat 33.334500 Long -111.87260

NorCal #1221 ARCI #8918 Qrp-1 #271 CQC #274 AK QRP #30 ARRL

<http://www.dancris.com/~ki7mn>

From owner-qrp-1@Lehigh.EDU Mon Apr 14 18:03:53 1997  
From: Bob Tellefsen-CNSE97 <Bob\_Tellefsen-CNSE97@email.mot.com>  
Subject: [17345] ARCI Spring QSO Party  
Message-ID: <M1409521.004.n25c3.1.970414173424Z.CC-MAIL\*/OU=LMPCC10/OU=ILBE/  
PRMD=MOT/ADMD=MOT/C=US/@MHS>

Too bad this was income tax weekend. Only got a little time in Sat. evening and Sun. morning. Worked 26 stations, though, so didn't feel too bad.

One great accomplishment was working Virginia, 2-way QRP. Now if I can get it confirmed, I'm one state closer to my 2xQRP WAS on 40m.

Did notice a few exceptionally strong signals. If they were in fact QRP, there must be some humongous antenna systems out there. Would love to tour around and see them.

Didn't hear as many familiar calls as I expected. Think most stations I worked were for first time.

Haven't totalled up score, yet, but probably so-so.

Hope everyone else had as much fun as I did.

72, Bob N6WG

From owner-qrp-1@Lehigh.EDU Mon Apr 14 18:03:53 1997  
From: Ken Newman <N2CQ@compuserve.com>  
Subject: [17343] ARCI Spring Test Results - N2CQ  
Message-ID: <199704141254\_MC2-143D-616E@compuserve.com>

#### 1997 QRP ARCI CONTEST

Call used: N2CQ Location: NJ

Category: Single Op All Band Mode: CW Power: 5W

Callsign of Operator: N2CQ

Exchanged Information: N2CQ RST NJ 7975

Hours of Operation: 15:10

band	QSOs	points	mults
160	0	0	0
80	59	1792	28
40	101	2716	31
20	67	1967	29

15	2	70	2	
10	1	35	1	
TOTAL	230	6580	91	SCORE: 598,780

Club or Team Name: NJ QRP Club "NJQRP EMERGENCY Team"

Comments:

Knwd TS-850SAT - 5 Watts

CF Zepp - TA-33jr

NA by K8CC Logging software

Not quite as many stations on as the Fall Test. Delighted to work some unexpected DX (PY7 on 40 and HC1 on 80). Called CQ on 15 several times with few results (2). Great to hear the "usual suspects" on the ARCI Tests!

72/73 de

Ken Newman, N2CQ

N2CQ@compuserve.com

QRO HAMS HAVE FRIENDS ALL OVER THE WORLD.....

(but not on their own street!)

From owner-qrp-1@Lehigh.EDU Mon Apr 14 18:03:53 1997  
 From: adams@chuck.dallas.sgi.com (Chuck Adams)  
 Subject: [17312] Bob Gobrick  
 Message-ID: <199704141319.0AA19100@chuck.dallas.sgi.com>

Bob,

Send me your new call and mailing address. I seem to remember it changing and all that but couldn't find it in the archives.

Sorry for the bandwidth gang, this was time critical.

dit dit

Chuck Adams K5FO CP-60 adams@sgi.com  
http://reality.sgi.com/employees/adams\_dallas/  
WIMPS: Qs=014 30m=9 17m=5 12m=0 States=09/05/00 DX=00/00/00 QSLs=002

From owner-qrp-l@Lehigh.EDU Mon Apr 14 18:03:53 1997  
From: "Arjen Raateland, SYKE/YV, puh. 09 4030 0457" <Arjen.Raateland@vyh.fi>  
Subject: [17352] Curtis 8044 or other keyer, where?  
Message-ID: <01IHPMPBU7V88YA38K@vyh21.vyh.fi>

I picked this request off the European packet network and hope that the answer can be found via this group.

I've already pointed out to OM Joop that the Curtis IC is no longer being made and suggested that he consider a more modern keyer. A keyer by the name of Tick is mentioned frequently on this list lately, but I haven't paid attention to the name of the manufacturer or supplier.

Responses can be directed to me and I will pass them on to OM Joop, but he can also be reached directly via packet radio.

>From :PA3GGP@PI8RWD.#FRL.NLD.EU  
To :ALL @EU  
Date/time :14-Apr 06:00  
Message # :373539  
Title :IC CURTIS 8044  
Path: !OH2RBI!OH7RBA!PI8VNW!PI8HGL!PI8GCB!PI8WFL!PI8JYL!  
R:970414/0600 633@PI8RWD.#FRL.NLD.EU \$:5165\_PE1HLN

Help, Wie kan mij helpen aan de leverancier van van dit geweldig IC in de uit voering A, B of ABM.

Who can help my on the adress of the supplier or dealer.  
of the IC CURTIS 8044 with or without the suffix A,B or ABM  
Please response via our medium packet.  
Many thanks Joop PA3GGP from Den Helder

tu es 73, OH2ZAZ  
Arjen Raateland  
---... --- --... . --- ..... --... --... --...  
Finnish Environment Institute, Helsinki, Finland  
SAS Support  
EMAIL: Arjen.Raateland@vyh.fi  
tel. +358 9 4030 0457  
fax +358 9 4030 0490  
..--.. --..

From owner-qrp-1@Lehigh.EDU Mon Apr 14 18:03:53 1997  
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>  
Subject: [17356] DAYTON ROOM AVAILABILITY & Ride from MD  
Message-ID: <Pine.3.89.9704141433.B17462-0100000@w3eax.umd.edu>

I have FOUR rooms at the Motel 6 JUST ACROSS I-75 from the greatly overpriced Days Inn.

It's not full of QRPers, but at HALF the cost of the Days Inn, it's a place to sleep (\$36/night).

Four rooms. One belongs to KB8USZ. One belongs to W3MKE.

That leaves TWO rooms that will be shared by myself and between five and seven other people (3 or 4 to a room, heck, it's just a place to sleep and collect gear). They're good from Wednesday through Saturday nights!

I'll be arriving EARLY Friday morning, myself.

I will be leaving Maryland Thursday, sometime early in the evening. As my wife will have to work, she won't be going. If you ever wanted to make this trip, NOW IS THE TIME!!!

I will be going through

Frederick, Hagerstown, and Cumberland, MD.  
Morgantown and Wheeling, WV.  
Washington, PA.  
and straight through Ohio on I-70.

I should have installation of the DX-70T mobile HF station complete by then (currently missing a power cable, coax, antenna, tuner, and keyer/paddle).

\* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 \*  
\*\*\* 6m 75 grids worked on 8 watts \*\*\* HF 140 cfmd \* QRP-L #147 \*\*\*  
\*\* QRP ARCI #9054 \*\* DXCC/WAS/WAC \*\*\* 100% dipole powered HF/6m \*\*  
\* 301-549-1022 h / 301-982-1015 w \*\*\* 145.490- 147.225+ PL 156.7 \*

From owner-qrp-1@Lehigh.EDU Mon Apr 14 18:03:53 1997  
From: k4wz@juno.com (RON L TODD)  
Subject: [17350] DX  
Message-ID: <19970414.134911.3295.21.k4wz@juno.com>

14.059.8Mhz TA2BD/QRP 1756Z I DID NOT WORK BUT IS POSTED ON OUR  
DX PACKET CLUSTER.

RON TODD K4WZ ex AE4LQ, KE4RZR, WA4EPC  
K4WZ@JUNO.COM OR K4WZ@WORLDNET.ATT.NET  
FISTS #2109, ARCI # 9273, QRP-L # 924 ARRL LIFE MEMBER  
FT-1000D, QRP+, HOMEBREW TEN-TEC 40 M, PIXIE2.  
ANT. C4XL UP 100 FT. 80 M LOOP UP 45 FEET

From owner-qrp-1@Lehigh.EDU Mon Apr 14 18:03:53 1997  
From: Ken Lopez <kjllopez@earthlink.net>  
Subject: [17337] For Sale  
Message-ID: <335261CF.79E0@earthlink.net>

A few items for sale:

A&A Engineering 30 Meter transceiver. \$95.00  
This is a complete kit including case, meter, speaker, etc.  
I started this, stuffed the resistors, then the Norcal 40 came.  
Parts inventoried, everything there and unopened. No antenna for 30M  
currently!

Yaesu FT-50R, like new, with AA spare pack, and 5w pack. \$275.00  
Too many handi's around here!

Cheers,  
Ken, N6TZV  
818-541-0712

From owner-qrp-1@Lehigh.EDU Mon Apr 14 18:03:53 1997  
From: mdwatt@usit.net (Marty Watt)  
Subject: [17322] FS or Trade  
Message-ID: <335c429c.24113131313@smtp.usit.net>

I have an Outbacker, Jr. (4 ft.) 80-10 vertical antenna  
(mobile/portable) that I really don't use anymore. Would sell for  
\$175 shipped CONUS, or would really like a trade for a Vibroplex  
Brass Racer (but would need \$75 cash, too -- that gives full new  
price value to the Brass Racer). Other paddles considered, please  
give me a full description -- I like the Vibroplex's magnetic pull  
back!



72 es 73 de=20

Marty, KM7W

-----  
Jackson, Tennessee

e-mail: mdwatt@usit.net

<http://www.public.usit.net/mdwatt>

"The Curmudgeon's Corner"

NorCal #???? - ARCI #7514 - QRP-L #953 - AK/QRP #098 - Grid EM55oq  
~~~~~

From owner-qrp-l@Lehigh.EDU Mon Apr 14 18:03:53 1997

From: W2NRA <w2nra@netusa.net>

Subject: [17313] FS: unbuiltd Sierra, KC2 + 6 Band Mods

Message-ID: <3352499A.6A4A@netusa.net>

Hi,

I am selling a brand new unassembled, never unpacked  
latest version of the Sierra with the KC2 and 6 band  
modules.

I asking \$435.00 including shipping.

This is what I paid:

|                                            |          |
|--------------------------------------------|----------|
| Sierra with 6 band modules                 | \$369.00 |
| Shipping                                   | 7.00     |
| KC2 Keyer/Freq. counter/S-meter/Wattmeter  | 75.00    |
| KC2 Front Panel for Sierra ??              | 15.00    |
| mini QRP Field Log/DX Countries List Qty 3 | 18.00    |
| Total                                      | 484.00   |

72, de Art

--

Art Searle, W2NRA, NRA Benefactor Life Member

NRA Certified Firearms Instructor <<http://www.nra.org>>

From owner-qrp-l@Lehigh.EDU Mon Apr 14 18:03:53 1997

From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>

Subject: [17314] FS: Kenwood TS-520 complete station

Message-ID: <Pine.3.89.9704140727.A15866-01000000@w3eax.umd.edu>

Had a previous buyer, but he has apparently decided to disappear.

All in EXCELLENT condition, with ORIGINAL boxes, cables, and manuals.

Kenwood TS-520

Vintage 1978 or so, with both AC and DC operation.  
Uses a pair of 6146B tubes in the final, and a 12BY7A driver.  
VERY rugged. Very heavy (37 lbs.)  
Covers 80, 40, 20, 15, and 10 meters. SSB and CW.  
Comes WITH 500 Hz CW filter.  
Good for 100+ watts out (tubes in good shape).  
Unit is dead-on frequency.

VF0-520

External VF0, used for split-frequency operation.

SP-520

External speaker, great sounding audio.

MC-50

Desk mic, classic Kenwood.

This equipment comes with all boxes, manuals, and cables.

Price: \$425.

It's a great, rugged starter or back-up station.  
Just add antenna tuner and you're on the air.

\* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 \*  
\*\*\* 6m 75 grids worked on 8 watts \*\*\* HF 140 cfmd \* QRP-L #147 \*\*\*  
\*\* QRP ARCI #9054 \*\* DXCC/WAS/WAC \*\*\* 100% dipole powered HF/6m \*\*  
\* 301-549-1022 h / 301-982-1015 w \*\*\* 145.490- 147.225+ PL 156.7 \*

From owner-qrp-1@Lehigh.EDU Mon Apr 14 18:03:53 1997  
From: "Wilford D. Lindsey" <70511.3041@CompuServe.COM>  
Subject: [17293] FS:TenTec ARGO 505  
Message-ID: <970414034833\_70511.3041\_IHD40-2@CompuServe.COM>

Gang:

I am passing along the following for a fellow QRP'er in Kentucky:

>>From: ftaylor@wko.com (frank taylor)

Doc,

Could you do me a favor? I have a tentec argonaut 505 with matching supply that I want to trade for a norcal or wilderness sierra built or un. Ask responders to email at ftaylor@wko.com. Also in your opinion what sort of trade would be fair ie tentec for sierra?????? The tentec is in good/fair condition and full 5watts+ out. Only problem is that the IF filtering is wiiiiiiiiiiide.

Besides the power supply, mike and papers go.

Thanks, Frank <<

72/73,

--Doc/K0EVZ qrp-l 861 mn-qrp 19 cqz 414 norcal nj-qrp 69 ak/qrp 139 arrl

From owner-qrp-l@Lehigh.EDU Mon Apr 14 18:03:53 1997

From: Ed Tanton <n4xy@bellsouth.net>

Subject: [17328] HB attenuators

Message-ID: <3.0.1.32.19970414115038.0093f630@mail.atl.bellsouth.net>

Hi QRP-L & Hombrew folks...

I left the quotes in because I thought Bill's piece was pretty good, and Mike's explains what it's about... so my piece follows the 2nd item...

At 08:16 AM 4/14/97 -0700, Michael A. Gipe wrote:

>Bill --

>

>I recently looked up the construction article on the step attenuator. (I  
>found it in the ARRL Antenna Book, not the Handbook, BTW.) It says not to  
>use toggle switches, only slide switches will do. Since a toggle switch is  
>only a slide switch with a lever attached, I wondered why. Any ideas?  
>What kind of switches did you use to achieve the performance you report?  
>Any special construction techniques?

>

>Experimental minds want to know.

>

>Mike K1MG

>

>

>> I recently built the step attenuator shown in the ARRL Handbook. It is a  
>> modular design and you can make as many steps or as large or small a  
>> steps that you want. Just pick out the sections that you want to fill



INTERESTS: DX QRP BoatAnchors Test Equipment Photography  
CW: 99.9% QRP: 95-100% (Mood swings!)

~~~~~  
"Think you can, think you can't: either way you're right!" Henry Ford  
~~~~~

From owner-qrp-1@Lehigh.EDU Mon Apr 14 18:03:53 1997  
From: Norm Melick <henmel@worldnet.att.net>  
Subject: [17346] IC's  
Message-ID: <33526E72.6680@worldnet.att.net>

I have two IC's that are impossible to find here in the LA area.

1. 74HC4046AN
2. PIC16C71-20/P

Mouser has a CD74HC4046AE. I am told that these IC's are "commomn" and easy to find, but either the racks are continually empty, or no one has heard of these IC's.

Does anyone know of a replacement chip, or where I can get a couple each?

Thanks alot,

Norm Melick

From owner-qrp-1@Lehigh.EDU Mon Apr 14 18:03:53 1997  
From: ALK0FRP@aol.com  
Subject: [17296] K0FRP ARCI Spring Unofficial report  
Message-ID: <970414003932\_-267718988@emout12.mail.aol.com>

Gang

20 m was in bad shape , 15 m was not there only 2 q's out of C0.  
40 was slow, 80m was tough but had 16 q's in 10 SPC's.

Any way just persistance and digging out the weak ones.  
The DSP helped but needed ESP on some sig. Just poor condx.

14 hours operating time

403 q's, 1520 QSO points, 97 SPC, 1,032,080 pts for the Yahoos !

N4GK mobile in Alabama running 1w to a 2 meter whip. Solid copy , go figure , Bad condx ???

Or just happens.

Only a couple I could not pull out (Sorry).

worked HP1AC, 40 and 20m, Cam pictured in the new Qrp Quarterly.

Mexico, Brazil, Puerto Rico, WAS minus ME, NB, AK (JIM AL7FS???), HI, and a JA in OHIO,

K8CV get that chirp fixed.

Al K0FRP

From owner-qrp-1@Lehigh.EDU Mon Apr 14 18:03:53 1997

From: adams@chuck.dallas.sgi.com (Chuck Adams)

Subject: [17298] K5FO's Score

Message-ID: <199704140524.GAA18380@chuck.dallas.sgi.com>

Gang,

Well I didn't get to make a serious effort out of this one as I thought I would. My personal and public apologies to the fellow Yahoo team members.

I did 40M only at 0.95W with the OHR-100 for 40M battery powered and CMOS III and WBL paddles.

28Qs for 131 points x 19 SPCs x 10 = 24,890 points estimated at this time. Four hours of difficult operating conditions.

Interesting observations:

1. Band was extremely noisy.
2. One guy at 8W (QRP class?)
3. Buck scared me with the WQ8RP call. :-) Thought he had gone the vanity route.
4. Stopped and heard Cam, HP1AC, work C02BG, Jorge, for a 5 minute + exchange. :-) That was interesting. Cam couldn't hear me at all.
5. Stopped and listened to some 70 wpm Sunday morning QSO around 7.033MHz.
6. Heard some guys calling CQ too long and also you gotta give a guy a chance to come back. 2 seconds between ending and starting again is the best point killer I can think of.
7. ND was easy. Thanks to Jim. SD was easy also with WD0T.  
The only two states I have not been in.

8. Kept hearing the same guys over and over.
9. Could only get one station with a CQ.
10. The QRPers have the best receivers in the world, guaranteed.  
I kept getting 559 RST reports and I didn't have to repeat.  
Thanks guys. Worked W8MVN and N4BP on the first call.  
Heard others trying though. They weren't on freq.
11. Heard one S&P doing 500mW. Good signal from 4-land.
12. Did not work a single 1,2, or 3 on 40M. Was anyone on? :-)  
Did get the NN1G for 20M and listened and heard W1VT but  
opted not to do 20M. Wasn't that many signals on and the  
noise was extremely high down here.
13. Best distance was OR.
14. Remains of the solar flare must have still been evident.
15. Lowest member number at 51.

So I hope the Yahoo's won with just the one score over 1M+.

Now QTTF is going to be a different matter. One #303 can of real  
TX Jalepenos says so. :-)

Can you believe? We're that close to QTTF and then there is Dayton.  
Are we having fun or what?

dit dit (and hey, someone has to have the low score. Too bad this  
isn't golf.)

Chuck Adams K5FO CP-60 adams@sgi.com

[http://reality.sgi.com/employees/adams\\_dallas/](http://reality.sgi.com/employees/adams_dallas/)

WIMPS: Qs=014 30m=9 17m=5 12m=0 States=09/05/00 DX=00/00/00 QSLs=002

From owner-qrp-1@Lehigh.EDU Mon Apr 14 18:03:53 1997

From: Ken Freedman <n1qqv@cshore.com>

Subject: [17355] Kenwood 940

Message-ID: <3.0.32.19970414160533.006c0118@cshore.com>

Hi Gang,

Anyone out there have experience with this rig? Will have the chance  
to look one over tomorrow, and am considering buying it. Please E-mail me  
direct if you respond to this.

TNX and 73, Ken

Ken Freedman

AKA: N1QQV/QRP VE, EC Madison CT, QRP-L

Living Proof That, "You don't have to be a blonde to be light headed!"

From owner-qrp-l@Lehigh.EDU Mon Apr 14 18:03:53 1997  
From: Kr0i1@aol.com  
Subject: [17285] KH6 on 20 meters  
Message-ID: <970413202240\_-1167930824@emout03.mail.aol.com>

KH6/WB6FZH is on 20 meters at 14.060 now (0020Z)  
4/14/97. Good sig into MO. Gave me 339

73 de Mac KR0I ARCI 3227 QRP-L 1037

From owner-qrp-l@Lehigh.EDU Mon Apr 14 18:03:53 1997  
From: "Brian Jones" <brian\_jones@uk.ibm.com>  
Subject: [17303] MFJ9020  
Message-ID: <199704140852.EAA63238@nss2.CC.Lehigh.EDU>

MFJ 9020 info and mods wanted

Hi all,

I just picked up one of these rigs at a real bargain basement price. Works fine and now just need to get my CW up to scratch before it goes on the air - hoping to use it with my US call (KB8YKJ) from a hotel in Mn on a business trip in a few weeks.

No manual with it (have emailed MFJ) so be interested in any pointers to reviews and in particular mods. Have already noticed speaker audio a little low for my deaf ears so will look at boosting that. When I first powered it up RX was great but TX had a raspberry rather than 700Hz side tone. Tweaked a couple of presets (at random!) and it all seems OK now - I guess the manual will help me set it up correctly.

Sounds like it could be a very good rig.

73 es tn timer help - Brian G0UKB (also KB8YKJ)

Brian Jones  
Java Technology Centre  
HURSLEY MP 146 Ext 246896 (+44 1962 816896)  
BEJONES AT WINVMD brian\_jones@uk.ibm.com

From owner-qrp-l@Lehigh.EDU Mon Apr 14 18:03:53 1997



From: "Wilford D. Lindsey" <70511.3041@CompuServe.COM>  
Subject: [17292] Milliwatting on Sprint  
Message-ID: <970414034828\_70511.3041\_IHD40-1@CompuServe.COM>

Gang:

Well, my first-ever Sprint is history. And what a terrific experience it was. Conditions may have been less than some had hoped for, but I had fun anyway!.

Thanks to everyone who dropped by Lake Woebegone (!) to visit K0EVZ. And thanks for enduring poor CW at times and even poorer operating habits. Still new at contesting, so several times I called guys until eventually learning it was a dupe. Sorry for this confusion.

I learned how really tough it is to operate one-armed. Plus I was keeping the log on paper. So guess I need to look into logging with a computer, maybe?! DUH. :-)

Here's the early result:

On 20 metres = 49 total Q's. Power = 350mw out 4/12/97 then down to 300mw today (4/13/97). Rig = Wilderness Sierra into TNT/2 Windom at 29', pointing east-west.

On 40 metres = 40 total Q's. Power 1.8 watts. Rig = Norcal40a. Same antenna.

Measuring devices = OHR WM-1 meter, MFJ 259 Analyzer

Note: at the beginning I \*erroneously\* reported running 2 full watts out--WRONG! Forgot to measure it with the OHR WM-1 at first, instead depending on the SWR meter readings on the MFJ949E tuner. Sorry for this.

So please note--I was always actually running only 350mw or less any time I was active on 20 metres.

Thanks again for a great experience. I have lots to learn and appreciate everyone's infinite patience.

72/73,

--Doc/K0EVZ qrp-1 861 mn-qrp 19 cq 414 norcal ak/qrp 139 nj-qrp 69 arrl

From owner-qrp-1@Lehigh.EDU Mon Apr 14 18:03:53 1997  
From: Rogerio Gonzaga <gonzaga@med.up.pt>  
Subject: [17305] New SGC QRP transceiver  
Message-ID: <199704141745.TAA18338@mail.med.up.pt>

Hi, folks,

There seems now to be a certain tendency to look more friendly to the new SGC QRP transceiver, in this reflector. The problem is that if it is born as an attempt to develop a new rig, better than any previously built, it could be acceptable. But the practical effects of this "joint venture" continue to be similar to discarding the QRP+ support and developing it with another name. After reading the ARRL letter in this reflector, everything seemed to be beautiful, except two things: Bruce Franklin apparently does not answer any personal message concerning the fate of the QRP rigs or their assistance, and at the SGC they say they have nothing to do with it. I will wait Bruce and the SGC guys to change or clarify their positions before I will admit the hypothesis of buying anything from them, or advising some one to do it. When I have reported all these facts to CT1 hams with interest in QRP, they hardly could believe that this kind of business was happening in the States! Their general opinion is that the USA ham fraternity will not be very kin to adopt any new rig if at launching it does not give enough confidence in future assistance. But most of you are american, what do you think?

Best 72/73 de Roger, CT1ETT

Rogerio A. F. Gonzaga, MD, PhD  
Surgical Professor at the Faculdade de Medicina do Porto - Portugal  
Ex-Honorary Surgical Registrar at the Hammersmith Hospital - London, UK

Radio Amateur CT1ETT                    QTH Loc IN51re  
G-QRP Club # 8673 ISWL # CT-20574                    QRP-L #516

From owner-qrp-1@Lehigh.EDU Mon Apr 14 18:03:53 1997  
From: Scott Bauer <ke3nv@erols.com>  
Subject: [17299] pc board mounting tip  
Message-ID: <199704140545.BAA21381@smtp2.erols.com>

Hello Group,

I have made a very good discovery today. Im sure that it has probably been posted here before, but it is a first for me.

To make a short story long, I was mounting my Small Wonder Labs GM-15 (excellant rig!!!) into a very small Lansing cabinet and found that the normal PC stand offs were a little too large in diameter to fit inside the cabinet, so I started looking around in the plumming dept at the local hardware and found the perfect solution.

1/8 inch brass compression sleeves!! They are perfect for mounting boards to a cabinet. The inside diameter is 1/8 inch. Outside diameter is 3/16, and they are 3/16 tall.

I have not found anything that is this sturdy and small that can be used to mount boards.

They are a little costly at 15 cents each, but do work very well for the job.

Just thought I would pass this on to anyone that might be interested.

Sorry for the bandwidth

72&73 de Scott Bauer W3CV, Odenton, MD. grid FM19. Formerly KE3NV  
Fists 1502                      QRP Nut   SWL   Truck Pilot                      ARRL  
Current QRP rigs: Green MTN 15 & 17, HW-8, G-QRP GQ-40  
S&S Eng   ARK-20, ARK-30, ARK-40, TAC1-80. Emtech NW-8030  
49er                      38 special at 300mw  
visit my web page at <http://www.erols.com/ke3nv/>

From owner-qrp-l@Lehigh.EDU   Mon Apr 14 18:03:53 1997  
From: Paul Stroud <aa4xx@amsat.org>  
Subject: [17286] Portsmouth Island Pictures  
Message-ID: <3351845D.CFC@amsat.org>

Hi Gang,

A number of you have expressed interest in seeing some of the pictures from the KnightLite's Expedition to Portsmouth Island. They are now available on the Portsmouth website. Select the Pictures link at the following URL:

<http://www.ipass.net/~aa4xx/ocra1.htm>

If you would like to see the pictures but you don't have access to

the Web, let me know, and I'll be glad to see you the JPEGs as a zipped file.

72,

Paul AA4XX

From owner-qrp-1@Lehigh.EDU Mon Apr 14 18:03:53 1997

From: Mike Czuhajewski <wa8mcq@u1.abs.net>

Subject: [17295] QRP Hall of Fame; Idea Exchange

Message-ID: <Pine.BSI.3.93.970414000256.11547E-100000@u1.abs.net>

QRP Hall of Fame: It took me a while to get the balloting started up this year; the deadline for nominations was the end of January, but as frequently happens, real life took over :-). I finally got it going in March, and it took a while to scrounge up all the votes. This year, we gave the current QRP Hall of Fame members the option of voting if they wanted. (Five opted out and the rest voted for at least some of the 14 nominees.)

There were two people inducted, and their names will be released publicly at Dayton, probably at the QRP banquet. (They have already been notified by private e-mail.) As in the past, there were no quotas and no limits, and it was not a competition; each nominee was voted on in his own right. The ratio of inductees to nominees was quite a bit lower than last year, when it was something like 7 to 16 or so. As I've been telling people in private postings for the last week or two, the voting was much tougher this year and if she was a QRP'er, even Mother Theresa wouldn't have gotten in :-).

For those not familiar with it, the QRP Hall of Fame is an honor bestowed by the QRP ARCI for great accomplishments for or with QRP, contribution to the QRP community, etc. This is the third year we've had voting for it; the last ones were 1992, I think, and 1996. The first time around, the voters (Board of Directors of the QRP ARCI, and sometimes a few others) inducted W1FB, W7EL, G3RJV and AA2U. Last year added W0RSP, W7Z0I, K8IF, GM30XX, K1BQT, W9SCH and W9PNE. This is my second year in a row as Hall of Fame Honcho. And yes, it IS a lot of work :-).

New QRP ARCI President: Yes, that's me. To answer the question which has already come up, no, I will NOT stop doing the Idea Exchange column in the QRP Quarterly or writing articles. All of that will continue as it has in the past. And don't forget, if you have a little technical tidbit of some sort that's not really long enough for a full article in the QRP Quarterly, you can send it to me for inclusion in the Idea Exchange. And don't worry about the editing or drawing up really neat schematics; I take care of all of that. All you need to do is get me something readable and I take it from there. (BTW, I do the drawings and schematics using

KeyCAD, the DOS version--which is totally incompatible in every possible way with the Windows version--which KI6DS told me about years ago, and it's a nifty little drawing program, and dirt cheap--around \$20 or less, depending what form you find it in, and whether it has the manual with it or not. The major drawback is that the electronic symbols supplied with it are quite minimal. My own symbols library is quite superior, thank you, and you can get that from me.)

73 and Queue Our Pea DE WA8MCQ                      wa8mcq@abs.net

From owner-qrp-1@Lehigh.EDU Mon Apr 14 18:03:53 1997  
From: William McFadden <wmcfadde@oucsace.cs.ohiou.edu>  
Subject: [17284] QRP+ Owner List  
Message-ID: <199704132334.TAA18288@oucsace.cs.ohiou.edu>

I've lost track who, if anyone, is keeping the list of QRP+ owners and serial numbers. My QRP+ is #719.

Eric

--

W. Eric McFadden WD8RIF            Athens OH  
wmcfadde@ace.cs.ohiou.edu  
<http://ouvaxa.cats.ohiou.edu/~mcfadden>

From owner-qrp-1@Lehigh.EDU Mon Apr 14 18:03:53 1997  
From: Larry East <w1hue@amsat.org>  
Subject: [17324] QRP+ vs QRP++  
Message-ID: <2.2.16.19970414150456.285f6724@eloi>

>how do you know if you got a qrp+ or ++

It it ain't got a mic gain control, then it's a ++. The "power output" pot controls the output for both CW and SSB in the ++, only for CW in the +. There are other differences, but those are the most obvious.

72, L.

From owner-qrp-1@Lehigh.EDU Mon Apr 14 18:03:53 1997

From: N9DD@aol.com  
Subject: [17290] QSO party not a "Sprint"  
Message-ID: <970413222826\_872836715@emout11.mail.aol.com>

Hi Gang

Several people have posted comments to the list over the last few days referring to this weekend's contest as a "sprint". I don't like to be picky, but the ARCI contest this weekend was not a "sprint".

A sprint is a particular type of contest that lasts a short time - usually 2 to 6 hours. Examples of "sprint" contests are ARCI's "Hootowl" Sprint or the Michigan QRP club's Good Friday Sprint. The contest this weekend was the "Spring QSO Party". It lasted from 1200Z Saturday until 2400Z Sunday. That's kind of like a Marathon, not a 100 meter dash.

I hope everyone had a good time in the contest. I found conditions too bad to have much fun and spent most of the time working on my Kanga LCK transceiver. I bought a 40 meter version, but have decided to put it on 160 instead. I got the receiver done and listened to a bit of 160 Mtr CW last night. Hopefully, I can get the TX finished before the Spring thunderstorms make 160 unusable.

72,

Tom N9DD  
South Bend, IN

N9DD@aol.com

From owner-qrp-1@Lehigh.EDU Mon Apr 14 18:03:53 1997  
From: talljazz@teleport.com (Dan Presley)  
Subject: [17348] QSO PTY from NW  
Message-ID: <v01530503af781f4a45fe@[206.163.123.118]>

Interesting time out here in Portland, Or for the 'test. On Sat. eve (0200-0400) 40 was in excellent shape-could work anyone I heard first call. Sunday on 20 was interesting as sigs would 'float'-qsb was wild. One minute knocking the phones off, then nothing, all while the 's' meter wasn't moving. I could stay on .060 and work a succession of guys as they faded in & out. Biggest problem was people not listening enough between CQs-listen-we're out there for you! I did work AA7KF on 4 bands (40,20,15 & 10)-and he's about 5 miles away as the 'crow flies'.

Dan N7CQR

From owner-qrp-1@Lehigh.EDU Mon Apr 14 18:03:53 1997  
From: Byron8LCZ@aol.com  
Subject: [17332] Radio Shack SWR/Pwr meter  
Message-ID: <970414120154\_-2071210983@emout07.mail.aol.com>

Hi Gang,

About a week ago, i bought a Radio Shack digital swr/pwr meter with backlit LCD readout, remote sensing head and 120 vac power adaptor for 60.00. Radio Shack is closing out, yet another really nice product. It has both peak and average readings, 3 power scales 0-20, 0-200 and 0-2000 watts and an auto scale that selects the proper range. The backlight is orange and not real bright, so you wont get blinded by starting into it. On the lowest scale, 0-20, its reads out to 2 decimal places, so my power right now is 4.76 watts and my SWR is 1.38 to 1. You do have to push a button to change from pwr to swr. I miss seeing the cross needles bouncing around on my diawa meter but the digital readout i now have, makes checking the power faster and is great for most QRP work. Its reads down to 1/2 watt with 10 % accuracy. The accuracy is probably better than 10%. The remote sensing head can be mounted at the antenna, so it can read actual power going to the antenna, not to the feedline.

Right under the LCD readout is a bar graph scale with a mark for each watt, and headings at 0, 5, 10, 15, 20 watts. the cable connecting the meter to the remote sensing head is a two conductor shielded cable.

You can read the power, in peak mode, while sending cw but you need a steady tone to read the swr.

The included power adaptor supplies 12 vdc at 200 ma.

There are also TEST and CALIBRATE modes. A service manual is avail thru Radio Shack.

Normally i'm not impressed with Radio Shack stuff. But their DSP filter with 2w audio amp and speaker that was closed out for 60, then later 30 bucks was an excellent buy and now this pwr meter for 60 bucks. And perhaps, the price will go lower in the coming months.

Since I operate a Knwd 450, a QRP Plus and a Sierra, I like having the capability of runing 100w easily, i like a meter that has multiple scales. 0-150 and 0-15 or 20w. I usually run 50w to check into a local cw net every monday nite on 15m and its convenient to have the 100w options. Too bad the OHR QRP watt meter doesnt have a 100w scale.

Freq coverage 1.8 to 30 mhz,  
Accuracy 10 % full scale  
Digital SWR/PWR meter cat nr 21-527  
close out price 60.00 dollars

72, Byron WA8LCZ Detroit Knight-Lites

From owner-qrp-1@Lehigh.EDU Mon Apr 14 18:03:53 1997  
From: JEVERHART@cayman.vf.mmc.com  
Subject: [17308] Rainbow Tuner Parts - Oops  
Message-ID: <970414084232.20662c92@cayman.vf.mmc.com>

Group,

I received a message the other day from someone who received a Rainbow kit missing the precision resistors. I had every intention of sending them out, but I must have deleted the message, since I can't locate it. Blame it on ly inflamed sinuses --- no, maybe it was the badgers! Yeah that's it the e-mail deletion badgers...

Anyway, I apologize and \*this\* time I will send out the missing parts as soon as I get the message.

72/73,

Joe E., N2CX

From owner-qrp-1@Lehigh.EDU Mon Apr 14 18:03:53 1997  
From: Doug Hendricks <ki6ds@dpol.k12.ca.us>  
Subject: [17330] Roy Lewallen, W7EL To Speak At FDIM  
Message-ID: <3.0.1.32.19970414084714.0069eb74@telis.org>

NorCal QRP Club is proud to announce that we have arranged for Roy Lewallen, W7EL to be the guest speaker at this year's NorCal Open House on Thursday night at FDIM. Roy's topic will be "QRP Field Day Operating". This is an excellent opportunity to hear one of the all time great QRPers, a QRP Hall of Famer, who started all of the homebrew activity with his famous W7EL Optimized Transeiver. Please take advantage of the chance to meet Roy and other QRP friends at the ARCI FDIM event.

NorCal sponsors this to "give something back" to our members on the east coast who don't have a chance to travel to California for our many



activities out here. This is an "open house", though, and ALL QRPers are invited to attend. Roy will start his presentation at 7:00 PM. Please plan to attend. The presentation will be at the Day's Inn Dayton South, which is the official QRP hotel for the Dayton festivities. We will let you know the room name as soon as we have it. See you there. 72, Jim, WA6GER and Doug, KI6DS

From owner-qrp-1@Lehigh.EDU Mon Apr 14 18:03:53 1997  
From: Peter Zenker <100743.3320@CompuServe.COM>  
Subject: [17336] Serial Numbers QRP+ -- forget about  
Message-ID: <970414160451\_100743.3320\_EHV39-1@CompuServe.COM>

Hi QRP friends,  
hust an information:  
forget counting thouse serial numbers of QRP+(+). Lots of QRP+ have been assembled in Germany under Index license for the European market. They started somewhere around SN 1200, while in the same time Index delivered QRP+ with SN around 600. There is no linear function between SN and sold QRP+. In our group you can find SNs between 253 and 1400.

72 de Peter, DL2FI  
G-QRP 1053 Activity Group QRP Berlin DL0AQB

!^NavFont02F01720007IGHHH740494

E-mail von: Peter Zenker, 14-Apr-1997

From owner-qrp-1@Lehigh.EDU Mon Apr 14 18:03:53 1997  
From: N2QCE@aol.com  
Subject: [17329] Slow CW 28.170 4/14/97 1500 UTC  
Message-ID: <970414115011\_17563276@emout10.mail.aol.com>

Hi Gang,

trying again:

I'm on 28.170 mHz for SLOW CW. It is now 1500 UTC on 4/14/97. I'll be here on and off throughout the day. I have  
10-10 #61769 and IOTA NA026 to offer you... See ya on 10 meters. Best 73 de  
John Long Island, NY

73 de John M. Evans N2QCE  
E-mail n2qce@aol.com  
<http://www.islandlink.com/n2qce>

From owner-qrp-l@Lehigh.EDU Mon Apr 14 18:03:53 1997  
From: "Phil Sikes" <psikes@whidbey.net>  
Subject: [17287] Spring Sprint  
Message-ID: <199704140142.SAA05249@islander.whidbey.net>

Seemed more like a slow walk from here in the Pacific Northwest.  
Condx were not very good this year. I did manage to get 70 Q's  
including AL7FS. Sorry I didn't hear you earlier but the quad was  
pointed south (it still was when I worked you!). I still had a ball  
and my preliminary score looks to be about 71,484. Thanks to all who  
answered my CQ and to K0WK who had the biggest 250mw signal I ever  
heard.

While I'm here I will mention my QRP+ also. Serial # is 655 and I  
think it's a great little rig. I have always had very prompt service  
from Bruce and rather than expecting the worse, I think that handing  
off the actual construction to SGC may allow Bruce to continue  
offering us his little slice of QRP heaven. Now, off the soap box and  
back to our regularly scheduled QRPness.

72 and CU in the next TEST..  
Phil  
Phil Sikes - KJ7NS  
ARCI #9196 - QRP-L #528  
FISTS #2602 - NW QRP #412

From owner-qrp-l@Lehigh.EDU Mon Apr 14 18:03:53 1997  
From: Ken Lopez <kjlopez@earthlink.net>  
Subject: [17342] TEST  
Message-ID: <3352636F.7730@earthlink.net>

Test

From owner-qrp-l@Lehigh.EDU Mon Apr 14 18:03:53 1997  
From: Robert Gutknecht <bobg@epix.net>

Subject: [17288] TS 440  
Message-ID: <3351905B.30DB@epix.net>

Hi Bob here .I was reading a post that someone had a TS 440S that was not working properly.I belsive it had display problems.I am wondering if the Ham wanted to sell the 440 "as is" and if he does what he would like for it ..I deleted the message by accident ..Thanks  
BOB KC2JZ  
QRP-1 #973  
73

From owner-qrp-1@Lehigh.EDU Mon Apr 14 18:03:53 1997  
From: d.nordquest@juno.com  
Subject: [17294] TS-440 PLL Unlock Problem  
Message-ID: <19970413.211257.4303.2.d.nordquest@juno.com>

Kenwood has a service bulletin out on this problem. Number is 973. Problem is caused by potting material used around VCO components which changes its electrical characteristics over time. The solution Kenwood recommends is digging out the material and replacing the (cheap) components (apparently thinking it is cheaper to replace them than to clean them?) A shorter term solution is to readjust the VCO frequency. However, then the frequency might eventually shift again beyond where PLL lock is possible.

Dave KE9ED

From owner-qrp-1@Lehigh.EDU Mon Apr 14 18:03:53 1997  
From: Larry East <w1hue@amsat.org>  
Subject: [17357] Useful Info from National Semiconductor  
Message-ID: <2.2.16.19970414201156.1c37320c@eloi>

I just received a very interesting and (hopefully) useful document from National Semiconductor called "National Linear Seminar 1996". It has all sorts of useful hints, tips, circuits, application notes, etc. -- and the best part: IT'S FREE! Check out National's web page at <http://www.national.com> and look for "free manuals/literature". Some of their analog product manuals are free for the asking.

Enjoy...

From owner-qrp-1@Lehigh.EDU Mon Apr 14 18:03:53 1997

From: ed.welch@cheaha.com (ED WELCH)  
Subject: [17304] Vendors at FDI confirmed list:  
Message-ID: <8D5D551.0004002313.uuout@cheaha.com>

-> Wilderness Radio  
-> Small Wonder Labs  
-> Embedded Research  
-> Kanga US  
-> S & S Engineering  
-> OHR  
-> Jade Products  
-> Norcal  
-> QRP Component Company  
-> G-QRP  
-> Steve Hideg (photography)  
->  
-> I am still hopeful that more vendors will come or send agents. If  
-> you are a vendor and want to be invited, please email me.

Man, that list of vendors just makes my mouth drool. Too bad I'm not making it to Dayton. Sure hope I can next year, though!!!! :)

72/73

Ed Welch KF4KRV

NorCal Member #???

1st Grand Poobah ScQRPion of Alabama

QRP-L #873 - FISTS #2964

Luverne, Alabama

Crenshaw County - Grid EM61

```
+-----+  
-----+ Norcal 40a es Straight Key es Wire-wrapped Trees +-----  
+-----+
```

> Isn't "time" a 4-letter word? <

From owner-qrp-l@Lehigh.EDU Mon Apr 14 18:03:53 1997  
From: Stew Whitehouse <STEW\_W@CompuServe.COM>  
Subject: [17310] WB2QAP's Logger Data  
Message-ID: <199704140904\_MC2-143B-C118@compuserve.com>

Hi Folks,

Has anyone devised a method to convert Logger data file to a format that can be manipulated? It would be nice to be able to sort entries for dupe checking etc. and submit via Email.

Bruce told me the qrpdata.dat file is a hangover  
from when the program was written in BASIC and  
then QBASIC.

Any help will be greatly appreciated.

72/73, Stew ke4yh  
Dunedin, Florida

From owner-qrp-1@Lehigh.EDU Mon Apr 14 18:03:53 1997  
From: Scott Cranston <cranston@zk3.dec.com>  
Subject: [17317] Where to get AirDux coils?  
Message-ID: <9704141356.AA31609@alpha.zk3.dec.com>

Are the B&W AirDux, or simular, coils still available anyplace (other than  
flea markets).... these are air wound coils on plastic forms... usually used  
for antenna and tank circuit loading coils. Any pointer to where I can buy  
some would be much appreciated.

Thanks,  
Scott cranston@zk3.dec.com  
KB1NW

From owner-qrp-1@Lehigh.EDU Mon Apr 14 18:03:53 1997  
From: Bill Acito 14-Apr-1997 1616 <acito@asdg.ENET.dec.com>  
Subject: [17358] WIMPS Guidelines?  
Message-ID: <9704142012.AA29107@us1rmc.bb.dec.com>

Someone want to post guidelines/time frame for the WIMPS tallys,  
or give me a WWW pointer to the same? I must not have been  
reading the WWW archive at the time.

My sig file is feeling a bit empty. :-)

b

. . . . . - I own my own words - . . . . .  
Bill Acito  
acito@asdg.enet.dec.com  
|d|i|g|i|t|a|l| Digital Equipment Corporation Hudson, MA

W1PA

qrp-ne qrp-l adv-rs arci norcal amsat-na arrl-life

From owner-qrp-l@Lehigh.EDU Mon Apr 14 18:03:53 1997

From: Hank Kohl <k8dd@contesting.com>

Subject: [17289] WQ8RP & the QRP-ARCI Spring Contest

Message-ID: <2.2.32.19970414013729.006a65fc@tir.com>

# 1997 QRP ARCI CONTEST

Call used: WQ8RP

Location: MI

Category: Multi Operator

Mode: CW

Power: 5W

Callsign of Operator: WQ8RP

If multi-operator, show calls of all operators and loggers:

-----K8DD (trustee) & N8CQA-----

Exchanged Information: WQ8RP RST MI 5731

Hours of Operation: 17:26

| band | QSOs | points | mults |
|------|------|--------|-------|
| 160  | 0    | 0      | 0     |
| 80   | 86   | 2443   | 30    |
| 40   | 135  | 3906   | 40    |
| 20   | 57   | 1589   | 21    |
| 15   | 4    | 98     | 2     |
| 10   | 1    | 35     | 1     |

-----  
TOTAL 283 8071 94 SCORE: 758,674

Club or Team Name: MI QRP Club Chapter II (unregistered!)

Radios:

TS-50S 5 W output

IC-751A 5 W output

OHR Explorer 40M 2.4 W output

Antennas:

HF6V 40M dipole @ 20 ft. KT34XA @ 66 ft. 80M Zepp @ 50 ft

GAP Voyager IV

Conditions:

Fair to poor

Liquid consumption:

Good to excellent

Sponsors:

Miller Brewing Co. and Pepsi

Comments:

Thanks for all the QSO's and sorry for the ones we couldn't pull out of the noise level and QRN.

And I bet K0FRP still beat us!

From owner-qrp-1@Lehigh.EDU Mon Apr 14 18:03:53 1997  
From: Sandy W5TVW <ebjr@worldnet.att.net>  
Subject: [17331] Re: A new 20m QRP QRG?  
Message-ID: <19970413204213.AAC14476@LOCALNAME>

At 09:58 PM 4/12/97 +0000, you wrote:

>All noted and remember the loads of people who have rigs rock bound on 060  
>and those poor traders that have loads of 14060 xtls still in stock - like  
>Dick!  
>But it is a damned nuisance the data on 060 I agree and it WILL get worse,  
>especially if entry onto HF bands is made easier for amateurs in the near  
>future, like a no code ticket. Simply because many of the 'new age HF op's'  
>have been weaned on packet etc. More's the pity.  
>Frank G3YCC (steps off soap box...)  
>QRP Web Site: <http://www.gqrpclub.demon.co.uk>  
>  
>

` The only REAL answer is to confine "digital" modes above 14.075 Mhz!  
Restrict  
14.000-14.075 to manual CW telegraphy ONLY. You keep moving and the  
bastards will push CW completely off the band! Bitch to the clubs, the  
ARRL, twist Wayne Green's  
arm, etc. Either that, or settle down on them with a long ragchew running a KW.  
The same thing exists on 40 meters! (and the think, it was once an ALL CW band!)  
73,

>  
>  
E. V. Sandy Blaize, W5TVW  
"Boat Anchors collected, restored, repaired, traded and used!"  
417 Ridgewood Drive,  
Metairie, LA., 70001  
ebjr@worldnet.att.net  
\*\*Looking for: 860 tubes, WL-460 tubes\*\*  
\*\*Butternut HF2V antenna, G-R test gear.....\*\*\*

From owner-qrp-1@Lehigh.EDU Mon Apr 14 18:03:53 1997  
From: Harvey Hetland <n6mm@earthlink.net>  
Subject: [17318] Re: ARCI QSO Party  
Message-ID: <33529D56.6707@earthlink.net>

John, N4JS, has my vote for persistence and some good operating technique. As he started to give his exchange a nearby "freebander" fired up his transmitter on about 27.8 MHz producing buckshot down to below 10 MHz. John kept sending his exchange and his 950 mW signal finally completed the exchange through the pauses in the freebander's QRM. I was off for about an hour until the freebander ceased operation, Congratulations John and thank you!

73, Harvey, N6MM

From owner-qrp-1@Lehigh.EDU Mon Apr 14 18:03:53 1997  
From: "Mark S. Adams" <msadams@acsu.buffalo.edu>  
Subject: [17321] Re: ARCI Spring QSO Party  
Message-ID: <199704141435.KAA58943@nss2.CC.Lehigh.EDU>

>  
>  
> Was fun! Will do it again - like maybe QRPTTF in 2 weeks!  
>

NO MAYBE!! IT IS A MUSTBE Mr. Watson!

Just don't break your pelvis 2 days before the contest, it hinders your score- OUCHHYY.

72, Mark N2VPK  
Member of the Buffalo QRP Connection  
WIMPS: Qs=007 30m=7 17m=0 12m=0 States=07/00/00 DXCC=04/00/00

From owner-qrp-1@Lehigh.EDU Mon Apr 14 18:03:53 1997  
From: randy\_ott@juno.com (Charles R Ott)  
Subject: [17334] Re: dallas dxpedition  
Message-ID: <19970414.113148.14446.0.randy\_ott@juno.com>

On Sun, 13 Apr 1997 08:56:05 -0700 JIM <kw3u@warwick.net> writes:  
>Hi All;  
> Will be in Dallas (Ricardson) sunday 20th thru 25th operating  
>evenings on hw-8 from hotel. Never been there, is it hot? short  
>sleeve wx? good places to visit, when not at school or dxing?  
>Tnx for any tips and looking forward to many qso's.  
>p.s. with c.w. noone can tell I'm not a texan. do they have



>Bud and Busch there or a good local brand?

>72 Jim KW3U

>

Jim

The temperature was in the 30's this weekend. I would call that sweater weather. It might be 80 or 90ish when you get here so plan for both.

While you are here, head south down I45 (central expressway) to downtown Dallas and visit the "West End Historical District". If you are looking for a little wilder scene go down to "Deep Ellum". That is where all the rock and roll and blues clubs are. It is also very close to downtown on the north end of Elm Street.

Everybody has Bud but you gotta try some Shiner Bock. Made in Shiner, Texas. BTW, the "Copper Tank" in Deep Ellum is a brew pub with everything from light ales to stouts.

Have fun

Randy (In Richardson, Texas)

-----  
Charles R. (Randy) Ott

K5HJ - QRP-L #1040  
-----

From owner-qrp-l@Lehigh.EDU Mon Apr 14 18:03:53 1997

From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>

Subject: [17315] Re: FS: unbuilt Sierra, KC2 + 6 Band Mods

Message-ID: <Pine.3.89.9704140757.B15866-0100000@w3eax.umd.edu>

Would you consider \$400 shipped?

\* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 \*  
\*\*\* 6m 75 grids worked on 8 watts \*\*\* HF 140 cfmd \* QRP-L #147 \*\*\*  
\*\* QRP ARCI #9054 \*\* DXCC/WAS/WAC \*\*\* 100% dipole powered HF/6m \*\*  
\* 301-549-1022 h / 301-982-1015 w \*\*\* 145.490- 147.225+ PL 156.7 \*

On Mon, 14 Apr 1997, W2NRA wrote:

> Hi,

>

> I am selling a brand new unassembled, never unpacked

> latest version of the Sierra with the KC2 and 6 band

> modules.  
>  
> I asking \$435.00 including shipping.  
>  
>  
> This is what I paid:  
>  
> Sierra with 6 band modules \$369.00  
> Shipping 7.00  
> KC2 Keyer/Freq. counter/S-meter/Wattmeter 75.00  
> KC2 Front Panel for Sierra ?? 15.00  
> mini QRP Field Log/DX Countries List Qty 3 18.00  
> Total 484.00  
>  
>  
> 72, de Art  
> --  
> Art Searle, W2NRA, NRA Benefactor Life Member  
> NRA Certified Firearms Instructor <<http://www.nra.org>>  
>  
>

From owner-qrp-1@Lehigh.EDU Mon Apr 14 18:03:53 1997  
From: "Claton Cadmus" <[aplitech@Spacestar.Net](mailto:aplitech@Spacestar.Net)>  
Subject: [17340] Re: HB attenuators  
Message-ID: <199704141646.LAA17757@Spacestar.Net>

Just thought some references to QST articles might help.

Jun-95 An RF Step Attenuator 33  
Nov-92 An Active Attenuator for Transmitter Hunting 28

Sep-82 A Step Attenuator You Can Build 11

The 95 article has spec that look as good as you can get. The 92 article is the unit that far circuits has the PC board cabinet for I believe.

Hope this Helps.

BTW, at a hamfest this weekend I was looking for slide switches and none could be found. It would seem that these are getting a bit rare.

----

73 de KA0GKC Claton Cadmus  
E-mail [cla@spacestar.net](mailto:cla@spacestar.net)  
If you live in Minnesota check out this webpage!  
<http://www.spacestar.net/users/aplitech/mnqrp/>

From owner-qrp-1@Lehigh.EDU Mon Apr 14 18:03:53 1997  
From: "Michael A. Gipe" <mgipe@reliablemeters.com>  
Subject: [17325] Re: HB: attenuators  
Message-ID: <199704141517.KAA12413@multi13.netcomi.com>

Bill --

I recently looked up the construction article on the step attenuator. (I found it in the ARRL Antenna Book, not the Handbook, BTW.) It says not to use toggle switches, only slide switches will do. Since a toggle switch is only a slide switch with a lever attached, I wondered why. Any ideas? What kind of switches did you use to achieve the performance you report? Any special construction techniques?

Experimental minds want to know.

Mike K1MG

> I recently built the step attenuator shown in the ARRL Handbook. It is a  
> modular design and you can make as many steps or as large or small a  
> steps that you want. Just pick out the sections that you want to fill  
> your own need. I built a 7 section a unit that gives me 60db attenuation  
> in 1db steps. I used 1/4 watt resistors so it is not for use on a 5w  
> transmitter. It is for reciever testing, milliwatting, and DFing. I took  
> it over to a friend of mine, a RF design engineer, who has a pretty good  
> test lab. He ran it through the mill and was amazed at the accuracy of  
> the steps and it showed less than 1/2db of insertion loss. I made the box  
> out of double sided PC board and left no seam un-soldered. I used BNC  
> connectors at the input and output. He tested it up to 350mhz and found  
> no leakage through at that frequency. Input impedance remained 50ohms.  
> Pretty good for about \$10.00 worth of parts.  
>  
> 72,  
> Bill, K5ZTY

From owner-qrp-1@Lehigh.EDU Mon Apr 14 18:03:53 1997  
From: "Heron, George" <G.Heron@dialogic.com>  
Subject: [17326] RE: HB: attenuators

Message-ID:

<c=US%a=\_%p=Dialogic%l=EXCHANGE1NJ-970414153128Z-7513@exchange1nj.dialogic.com>

And here's another Experimental Mind wondering ... ideas on automatically controlling the attenuation?? That is, without using mechanical switches?

Have been thinking of trying to use PIN diodes or perhaps a CMOS switch (such as used in the 38s).

Ideas are welcomed!

--George N2APB

g.heron@dialogic.com

<http://www.njqrp.org>

>=====

I recently looked up the construction article on the step attenuator.

>[snip]

>Any special construction techniques?

>

>Experimental minds want to know.

>

>Mike K1MG

>

From owner-qrp-1@Lehigh.EDU Mon Apr 14 18:03:53 1997

From: "Mike Siegel" <ki6pr@msn.com>

Subject: [17333] RE: Index/SGC...C'mon folks, etc.

Message-ID: <UPMAIL05.199704141616060246@msn.com>

To Joel and Others,

For the record, yes I do own a QRP++, S/N 0403.

Yes, I am concerned with the problems that Bruce left us with.

Yes, I am underwhelmed by SGC's amateur products to date.

Do I anticipate spending running out to the nearest candy store, just panting and waiting to spend my money on SGC's new QRP rig? Hardly. At least not until they've proven themselves .

By the same token, however, I realize that I am only a single consumer.

Even an outfit like SGC will not buy a pig in a poke. They will at least check out their potential market, and their potential position in the market.

Which means that the very few of us that are on here, regardless of any ASSUMED prominence or position in the ham community, makes us a negligible element to SGC.

Once again, I point out that even in QRP, those of us accessing the 'Net still only make up less than 10% of our population...a more accurate figure is probably closer to 5-6%, or maybe even less.

When you consider some of the subjects discussed here, the hair-splitting, and the extreme ends to which we've taken them, should be enough to drive the manufacturers right off of QRP-L. Even at that, how can we be considered to be "a voice" for QRP, when we are so divisive and distracted?

All I'm really trying to say is, let's please not get too pumped up with a non-existent self-importance. We're just a small sub-group of an eclectic corner of a dying hobby. We will not dictate the economic future of the communications industry, and we should NEVER delude ourselves into thinking such.

Thanks very much for reading; now I've got to go for a walk ACROSS the lake, to go resurrect a dead friend...

72/3,  
Mike KI6PR  
El Rancho R.F., CA

From owner-qrp-l@Lehigh.EDU Mon Apr 14 18:03:53 1997  
From: "J. Skalski" <jskalski@acsu.buffalo.edu>  
Subject: [17338] RE: Index/SGC...C'mon folks, etc.  
Message-ID: <Pine.GS0.3.95.970414123921.7852A-100000@orichalc.acsu.buffalo.edu>

I couldn't disagree more....  
Everyone and their opinion is important.  
When I was starting my practice; I got some good advice.  
Treat everyone as you would yourself or your family.  
Remember that a happy/ satisfied person will probably know at least 50 people that they could pass along positive comments.  
An unhappy person can probably spread the news to 200 people. :-)

People's opinions/feedback direct policy. There are many fine comments when they are due. When the people in the subject line clean up the loose ends ( and I am sure they will ) they will receive all due praise and support.

Jim N2G0  
The Buffalo QRP CONNECTION  
ARCI #9013 QRP-L #381  
Life member ARRL  
jskalski@acsu.Buffalo.EDU

From owner-qrp-l@Lehigh.EDU Mon Apr 14 18:03:53 1997  
From: Monte Stark <ku7y@sage.dri.edu>  
Subject: [17302] Re: K5FO's Score  
Message-ID: <Pine.SUN.3.90.970413230138.5860A-1000000@vortex>

On Mon, 14 Apr 1997, Chuck Adams wrote:

> dit dit (and hey, someone has to have the low score. Too bad this  
> isn't golf.)

Got ya beat Chuck,

Made one qso, 20m, was ND. Then the back hoe came and I now have  
holes for the towers and guy wires.....and the feed line for  
the vertical is no longer connected!!

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-l@Lehigh.EDU Mon Apr 14 18:03:53 1997  
From: adams@chuck.dallas.sgi.com (Chuck Adams)  
Subject: [17307] Re: K5FO's Score  
Message-ID: <199704141131.MAA18703@chuck.dallas.sgi.com>

Ron,

You get low score only if you turn in the log.

I'll copy this to the list 'cuz the people don't understand the  
part bout the "towers and guy wires.....". They will all go

crazy when they see you in the CQ Contest Calendar with all that aluminum up into the stratosphere. :-) ;-)

Isn't ND a 'burb of Reno?

dit dit

Chuck Adams K5FO CP-60 adams@sgi.com

[http://reality.sgi.com/employees/adams\\_dallas/](http://reality.sgi.com/employees/adams_dallas/)

WIMPS: Qs=014 30m=9 17m=5 12m=0 States=09/05/00 DX=00/00/00 QSLs=002

From owner-qrp-1@Lehigh.EDU Mon Apr 14 18:03:53 1997

From: "Mark S. Adams" <msadams@acsu.buffalo.edu>

Subject: [17309] Re: K5FO's Score

Message-ID: <199704141253.IAA56275@nss2.CC.Lehigh.EDU>

Hi Chuck and Gang,

What we have here is a case of EERIE SIMILARITY as Jay Leno would say. I operated under almost the same parameters as K5FO and got almost identical results!

> I did 40M only at 0.95W with the OHR-100 for 40M battery powered  
> and CMOS III and WBL paddles.

I ran my SW-40 at 0.95W, Atomic Keyer and Envirotronics paddles.

> 28Qs for 131 points x 19 SPCs x 10 = 24,890 points estimated at this  
> time. Four hours of difficult operating conditions.

I had 30 Q's for 132 pts and 20 SPCs x 10 = 26,400. Ran for 3.5 hours.

> Interesting observations:  
> 13. Best distance was OR.

Same for me, I worked AA7QU. ( I will be asking for one of those neat 1000mi/W awards)

I also worked ND and SD, very eerie....

72, Mark N2VPK

Member of the Buffalo QRP Connection

WIMPS: Qs=007 30m=7 17m=0 12m=0 States=07/00/00 DXCC=04/00/00

From owner-qrp-1@Lehigh.EDU Mon Apr 14 18:03:53 1997  
From: adams@chuck.dallas.sgi.com (Chuck Adams)  
Subject: [17311] Re: K5FO's Score  
Message-ID: <199704141312.0AA19047@chuck.dallas.sgi.com>

Hey Mark,

Sounds like something from the Addams family. :-) And I don't do cartoons.

dit dit

Chuck Adams K5FO CP-60 adams@sgi.com  
[http://reality.sgi.com/employees/adams\\_dallas/](http://reality.sgi.com/employees/adams_dallas/)  
WIMPS: Qs=014 30m=9 17m=5 12m=0 States=09/05/00 DX=00/00/00 QSLs=002

From owner-qrp-1@Lehigh.EDU Mon Apr 14 18:03:53 1997  
From: Zack Lau <zlau@arrl.org>  
Subject: [17320] Re: K5FO's Score  
Message-ID: <335239D3.217D@arrl.org>

Chuck Adams wrote:

>  
> 12. Did not work a single 1,2, or 3 on 40M. Was anyone on? :-)  
> Did get the NN1G for 20M and listened and heard W1VT but  
> opted not to do 20M. Wasn't that many signals on and the  
> noise was extremely high down here.

I got on the low bands and made about 50 Qs on 80/40, though I concentrated on 20 and 15 for a high-band entry--I'd like a high band certificate to match my all band and low band ones :-).

The QRP guys have been doing a great job sending out all those valuable pieces of paper--I got my '96 Winter Sports already!

Conditions were better than last year--my first two 15M Qs were with PJ2MI and XE1/K8ZAA! I was on 15/10M when AL7FS was trying to work guys Saturday... Maybe I need two rigs and a duplexer...

20M 128 Qs 37mult Heath HW-9 to Force12 C3 or a vertical  
15M 8Qs 5mult

rough score 166k pts--infinitely better than last years Hi-Band efforts! Only 4 % were with QRO stations, 1/3 of what I got running W1AW last year.



Was tough working Europeans--only worked a couple Gs, only once when the beam was pointed that way.

Zack W1VT   zlau@arrl.org

From owner-qrp-1@Lehigh.EDU   Mon Apr 14 18:03:53 1997  
From: "Vic Blackwell" <blackwel@tlcnet.muohio.edu>  
Subject: [17282] RE: Portable Antenna Mast  
Message-ID: <9704132308.AA00321@tlcnet.muohio.edu>

re:   Antenna Support Mast

Hi Gang,

The trip to the builder supply house have been fruitful and even inspiring.

I found some wooden banister material and wood closet poles. The wood closet poles were made of fir and where very strong. As you can very well imagine if they can support a whole rack of clothes.

If I use the wood poles I will need a method to attach them end to end to get the 20-25 feet required. 8 meters for the rest of the world.

Brass sleeves sounds good to survive the marine environment. It may be pricey. Secondly, I thought of using PVC for an outer sleeve coupling. Any comments on this?

I think the over all design could be made to offer several support systems and or vertical antennas with wires attached to the length.

Does any anyone have more ideas? I received some thoughtful ideas to my earlier post.

I thought it would be best to use genuine spar varnish to protect the wood and keep it clear for inspection.

Later,

If I can, with everyone's help, come up with something worth while and of expedition quality, I will be happy to post what comes out

of this. Expedition quality, meaning able to survive antenna hostile environments, high wind, rain, etc. also easy to erect with minimal number of people. Hopefully one.

de vic ad8k . . .

From owner-qrp-1@Lehigh.EDU Mon Apr 14 18:03:53 1997  
From: Kory Hamzeh <kory@avatar.com>  
Subject: [17283] RE: Portable Antenna Mast  
Message-ID: <Pine.BSI.3.91.970413162003.914A-100000@avatar.avatar.com>

A & A Engineering is selling a portable 20m vertical antenna for \$20! The antenna design appeared in Dec 1995 of QST and was designed by Robert Capon, WA3ULH. According to A & A, the antenna collapses to 18 inches and weighs only 11 ounces.

A & A number is (714) 952-2114. I might purchase one just to play with. For \$20, I'm sure I'll learn something. I'm curious to see if it can be tuned to other bands. I have not read the QST article yet, but I will soon.

Kory  
AC6RN

From owner-qrp-1@Lehigh.EDU Mon Apr 14 18:03:53 1997  
From: "Michael A. Gipe" <mgipe@reliablemeters.com>  
Subject: [17335] Re: Re[2]: HB: attenuators  
Message-ID: <199704141639.LAA15656@multi13.netcomi.com>

> Oh, another thing I mean to mention - a typical toggle is not a  
slide  
> switch with a lever attached if you've ever torn any apart.  
Actually,  
> most toggles have something akin to a see-saw inside them, at least  
> one spring of some type and sometimes other stuff. It's all this  
stuff  
> that adds ind/cap. Slide switches are made differently. Tnx.

Years ago, I took apart a couple of toggle switches and found a slide switch mechanism coupled to a lever arm which moved the slide bridge

between the contacts. Since then, I've just assumed they were all made that way. Live and learn!

Thanks for the info and suggestions.

Curiosity got the better of me, and I just now butchered a mini toggle switch that I had in the junk box. (Marked "Japan MS-177") You are correct. It has a little silver plated see-saw contact arm which pivots on the common pin. A plastic cam mounted on the toggle pushes one side of the see-saw down to connect to the other pin. Moving the toggle slides the cam across to the other side of the see-saw.

However, the circuit path is pretty short and direct, and, except for the small size of the contact region itself, probably fairly low inductance. The bigger problem, I think, would be the open circuit isolation. The two arms of the DPDT switch are in close proximity and hover over the open contacts. This would be worse than a slide switch, and might make it hard to achieve even 20 dB attenuation in a section. Still, worth a try!

72/73,

Mike K1MG  
Saratoga, CA

From owner-qrp-1@Lehigh.EDU Mon Apr 14 18:03:53 1997  
From: Dave Hockaday <wb4iuy@ipass.net>  
Subject: [17349] Re: TS-440 PLL Unlock Problem  
Message-ID: <199704141811.0AA09123@passport.ipass.net>

At 12:09 AM 4/14/97 EDT, you wrote:

>Kenwood has a service bulletin out on this problem. Number is 973.  
>Problem is caused by potting material used around VCO components which  
>changes its electrical characteristics over time. The solution Kenwood  
>recommends is digging out the material and replacing the (cheap)  
>components (apparently thinking it is cheaper to replace them than to  
>clean them?) A shorter term solution is to readjust the VCO frequency.  
>However, then the frequency might eventually shift again beyond where PLL  
>lock is possible.  
>

Dave KE9ED

I've fixed several of these locally. A simple and lasting solution is to remove the cover from the VCO compartment (if equipped), invert the radio

and use a hair dryer and melt the waxy stuff out. Check the opposite side of the PLL board for non-soldered pc pads (have found this in about half of them), and retweek the VCO slug for good lock-up at both ends of the rig's frequency range. I haven't replaced any of the wax goo, because they have all been used at a fixed location.

The waxy-like crud absorbs moisture over time and is the primary reason for the failures.

Dave Hockaday WB4IUY  
wb4iuy@ipass.net  
WB4IUY@W4RAL.#RTP.NC.USA.NOAM

<http://www.ipass.net/~hockaday/>  
<http://www.ipass.net/~wb4iuy/>  
<http://www.ipass.net/~teara/>  
<http://www.geocities.com/TheTropics/3349/>  
<http://www.RTPnet.org/~fcarc/>  
<http://www.RTPnet.org/~rdrc/>

From owner-qrp-l@Lehigh.EDU Mon Apr 14 18:03:53 1997  
From: jlarsen@alascom.att.com  
Subject: [17353] Re: URL Correction - South Central Radio Club - Alaska  
Message-ID: <9704148610.AA861013861@alascomsmtp.alascom.att.com>

Everyone knows it should be two slashes....right?

<http://www.servcom.com/worcester/scrc.htm>

Jim  
AL7FS

----- Forward Header -----  
Subject: Re: URL  
Author: Jim Larsen at alascom-anc3  
From owner-qrp-l@Lehigh.EDU Mon Apr 14 18:03:53 1997  
From: gsurrency@juno.com (Gary L Surrency)  
Subject: [17354] Re: V73K qsl?  
Message-ID: <19970414.122049.6654.2.gsurrency@juno.com>

QSL manager is W6TKF, or you can QSL direct. Yeah, I worked him too with

5 watts on 20m.

72,

Gary Surrency AB7MY  
QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH  
Az ScQRPions

From owner-qrp-l@Lehigh.EDU Mon Apr 14 18:03:53 1997  
From: PDouglas12@aol.com  
Subject: [17327] Re: Vendors at FDIIM confirmed list:  
Message-ID: <970414100428\_49553898@emout18.mail.aol.com>

Sorry you can't be there, Ed. Note that there are even MORE vendors coming aboard.

So an updated list is in order later in the week.

72,

Preston WJ2V